



**Supplemental Figure 2:** Development of cellular dry weight (CDW), intracellular PHB content and lactate and acetate production over time. *L. lactis* NZ9000 (pNZ-CAB) was grown in M17 medium containing 1% (w/v) glucose and 0.3% (w/v) L-arginine at 30°C and induced with 10 ng/ml nisin at an OD<sub>600</sub> of about 0.5. Samples were taken at the indicated time points and analyzed. CDW, PHB content, lactate and acetate were measured as indicated in Materials and Methods. The pH was also measured and found to decrease with increasing CDW and PHB content (data not shown). CDW, lactate and acetate measurements were performed in triplicates, PHB content is only indicating the general trend.